

96-Well Plate Agglutination Assay Protocol

1. Prepare overnight cultures of the bacteria to be agglutinated as well as a control culture that does not display the target antigen.
2. Dilute the cultures grown overnight with equal parts PBS or 5% BSA in PBS.
3. Fill each well with 5% BSA in PBS and antibody to a total volume of 50 ul to create desired concentration of antibody.
4. Perform desired serial dilutions.
5. Fill wells with 50 ul of diluted culture to bring total volume to 100 ul.
6. Leave to rest overnight.
7. Non-agglutinated wells will have a dot of pooled bacteria while agglutinated wells will contain a thin sheet of bacteria.